

## CLAIMS

What is claimed is:

1. A computer network comprising:
  - 5 a server system;  
a client system, the server system and the client system executing processes to provide security mechanisms for securing traffic communication between the two systems, the processes including key exchange processes executed when the client system is in an operational state;
  - 10 logic for detecting whether the client system is in operational state;  
a storage device at the client system for storing the results of the key exchange processes;  
logic for inhibiting the stored results of the key exchange from being updated until a successful execution of another set of key exchange processes between the server
  - 15 system and the client system;  
logic for updating the stored results of the key exchange if the execution of the other set of key exchange processes is successful; and  
logic for using results stored in the memory to secure the traffic.
- 20 2. The computer network of claim 1, wherein the logic for inhibiting the stored results of the key exchange from being updated is embodied in the client system.